Mountain Weather Forecast

Northwest Highlands

Including Sutherland, Ben Wyvis, Wester Ross, The Cuillin, Glen Affric, Glen Shiel and Knoydart
Forecast valid from 00:00 on Wednesday 29 Dec 2021 until 23:59 on Thursday 30 Dec 2021

Forecast Issued on Tuesday 28 Dec 2021 at 12:03 by Met Office Aberdeen

Confidence: High for front crossing Wednesday, but lower for the detail of the clearance, also for the timing of the series of fronts that are forecast to cross the area thereafter.

Headline for Wednesday 29 Dec 2021: Some frost and fog patches at first. Periods of rain spreading from south from mid-morning, clearing to showers later.

Mountain weather hazards on Wednesday 29 Dec 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Cloudy	Cloudy	Heavy Rain	Heavy Rain	Light rain	Light rain showers (night)
Precipitation probability							
00%	00%	<05%	20%	80%	80%	60%	30%

Forecast for Wednesday 29 Dec 2021

Weather: Dry overnight with prolonged clear spells increasing the risk of freezing fog forming around the foothills. Frosty start to the day with fog patches slow to clear in the early brightness. Broad area of rain, initially falling as snow above 800m, spreading from southwest from mid-morning, reaching all early afternoon. The rain will gradually weaken and clear from the south through the evening, with a brisk, showery west to southwest flow becoming established by mid-night.

Chance of cloud free mountain/hill tops above 800m: 90% becoming 20% late morning, before improving early evening 35% in west and 70% in east.

Visibility: Becoming moderate or poor in rain, very poor in snow and hill fog, with bases quite extensive above around 500-700m on the front, also to a lesser extent later in the west in the cloudy southwesterly flow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 29 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1000	9/12 S	10/14 SE	19/23 SE	22/28 E	28/35 E	25/32 SE	29/39 SW	33/45 SW	32/45 SW
900	9/12 S	10/14 SE	17/22 SE	20/26 E	27/34 E	22/30 SE	27/37 SW	31/44 SW	31/44 SW
600	7/10 S	9/13 SE	11/15 SE	14/20 SE	20/28 E	15/22 S	18/28 SW	22/34 SW	22/35 SW
300	2/9 S	3/9 SE	4/13 E	7/17 E	7/23 E	4/17 SE	5/25 SW	9/32 SW	9/33 SW
Glen	2/4 E	6/10 E	9/14 E	11/17 E	14/23 E	7/15 SE	9/23 SW	11/26 SW	14/31 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1000	-1/-6	-1/-6	-1/-8	-1/-8	-2/-9	-0/-7	1/-6	2/-5	2/-5
900	-1/-5	-1/-5	-1/-7	-0/-7	-1/-8	0/-6	1/-5	3/-4	3/-4
600	1/-3	1/-3	1/-3	2/-3	2/-4	2/-2	3/-2	5/-0	5/-0
300	-2/-3	-0/-3	1/-2	1/-2	2/-1	3/1	4/1	6/3	7/4
Glen	2/0	4/1	4/1	5/1	5/1	6/4	7/5	9/7	10/7
Freezing Level*	700m	600m	500m	700m	1400m	1400m	1400m	1300m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View

Very difficult conditions in frontal weather with extensive hill fog and summit gales which brings a severe wind chill.

Forecast for Thursday 30 Dec 2021

Weather: Rather cloudy start with frequent showers, turning heavy at times, particularly in the west, also sporadically wintry across highest peaks. Gradually becoming drier and brighter from late morning as a ridge of high pressure builds from the south. Periods of rain extending from the south late evening and overnight.

Maximum wind: Southwest beginning mean 35mph with gusts reaching 50mph around most exposed ridges and summits, gradually easing from mid-morning.

Chance of cloud free mountain/hill tops above 800m: Initially 25% in west and 50% in east, becoming near 100% by mid-day, then 20% or less overnight.

Visibility: Becoming moderate or poor in rain or showers, very poor in snow and hill fog, with bases frequently lowering 500-700m in early showers, and more widespread in later rain.

Temperature: **Glens:** Plus 2 Celsius increasing 10 Celsius for afternoon
At 800m: Plus 3 Celsius
Freezing level: Around 1400m

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